



08-3-04

AF/ITW  
2827

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Kinsman et al.

**Serial No.:** 09/538,684

**Filed:** March 30, 2000

**For:** VARIED-THICKNESS HEAT SINK  
FOR INTEGRATED CIRCUIT (IC)  
PACKAGES AND METHOD OF  
FABRICATING IC PACKAGES

**Confirmation No.:** 8722

**Examiner:** D. Graybill

**Group Art Unit:** 2827

**Attorney Docket No.:** 2269-3056.1US  
(96-0803.01/US)

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL994830953US

Date of Deposit with USPS: September 1, 2004

Person making Deposit: Christopher Haughton

**SUBSTITUTE AMENDMENT UNDER 37 C.F.R. § 1.116**

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This **SUBSTITUTE** Amendment is in response to the final Office Action of June 15, 2004 whose initial period of response is set to expire on September 15, 2004 and **REPLACES** the Amendment Under 37 C.F.R. § 1.116 previously filed on August 20, 2004. Changes to Claims 24 and 25 were not accurately represented by edit marks in the previous amendment, therefore this Substitute Amendment more accurately shows current amendments to the claims. A complete listing of the claims and remarks are presented herein.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.



Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/538,684
Filing Date	March 30, 2000
First Named Inventor	Kinsman et al.
Group Art Unit	2827
Examiner Name	D. Graybill
Attorney Docket Number	2269-3056.1US (96-803.1)

### ENCLOSURES (check all that apply)

- ☒ Postcard receipt acknowledgment (attached to the front of this transmittal)
- ☒ Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16
- ☐ Preliminary Amendment
- ☐ Response to Restriction Requirement/Election of Species Requirement dated
- ☐ Amendment in response to office action dated
- ☒ Substitute Amendment under 37 C.F.R. § 1.116 in response to final office action dated June 15, 2004
- ☐ Additional claims fee - Check No. in the amount of \$
- ☐ Letter to Chief Draftsman and copy of FIGS. with changes made in red
- ☐ Transmittal of Formal Drawings
- ☐ Formal Drawings ( sheets)

- ☐ Information Disclosure Statement, PTO/SB/08A (08-00); ☐ copy of cited references
- ☐ Supplemental Information Disclosure Statement; PTO/SB/08A (08-00); copy of cited references and Check No. in the amount of \$180.00
- ☐ Associate Power of Attorney
- ☐ Petition for Extension of Time and Check No. in the amount of \$
- ☐ Petition
- ☐ Fee Transmittal Form
- ☐ Certified Copy of Priority Document(s)
- ☐ Assignment Papers (for an Application)

- ☐ Terminal Disclaimer
- ☐ Terminal Disclaimer
- ☐ Terminal Disclaimer
- ☐ Other Enclosure(s) (please identify below):

Remarks

The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	James R. Duzan	Registration No. 28,393
Signature		
Date	September 1, 2004	

### CERTIFICATE OF MAILING

Express Mail Label Number: EL994830953US

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